



U. S. Department of Agriculture  
Forest Service  
Southeastern Area  
State & Private Forestry

# FOREST PEST MANAGEMENT

Report No. 82-3-39

Issued: 8-27-82

AERIAL DETECTION SURVEY OF FOREST INSECT  
AND DISEASE ACTIVITY, SUMTER NATIONAL  
FOREST, SOUTH CAROLINA

LAND OWNERSHIP OR SURVEY AREA: Sumter National Forest, Enoree Ranger District

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 194,237 acres

DATE: August 16, 1982

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 172RG

CREW: R.F. Bassett & E.T. Wilson

## SURVEY OBJECTIVES

The objective of the aerial survey was to detect and locate southern pine beetle activity on the Enoree Ranger District of the Sumter National Forest.

## SURVEY RESULTS

A total of 49 spots with red and fading pines were observed and mapped within the Enoree District (Table I). A composite map locating southern pine beetle infestation was sent to the Enoree District office for their attention.

## CONCLUSION

Southern pine beetle activity is increasing on the Enoree District, particularly on the northern end where more fading trees were observed.

The Asheville Forest Pest Management office has been notified of the increased southern pine beetle activity and a biological evaluation is in progress.

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For additional information, contact:

USDA Forest Service FPM  
3620 Interstate 85, N.E.  
Northgate Office Park, Room 2103  
Doraville, GA 30340  
Telephone: 404/221-4796

or

USDA Forest Service FPM  
P.O. Box 5895  
Asheville, NC 28803  
Telephone: 704/258-2850

Table I: Summary of Aerial Survey Data, Enoree District, Sumter National Forest, August 16, 1982

Ownership:	Number of Red & Fading Trees by Spot Size				
	-SPOT SIZE-				
	3 - 5 Trees	6 - 10 Trees	11 - 25 Trees	26 - 50 Trees	51+ Trees
	Spots	Spots	Spots	Spots	Spots
Private	11	3	3	1	0
Federal	21	5	3	2	0
TOTAL	32	8	6	3	0

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
JOHN R. JOHNSON, CHIEF

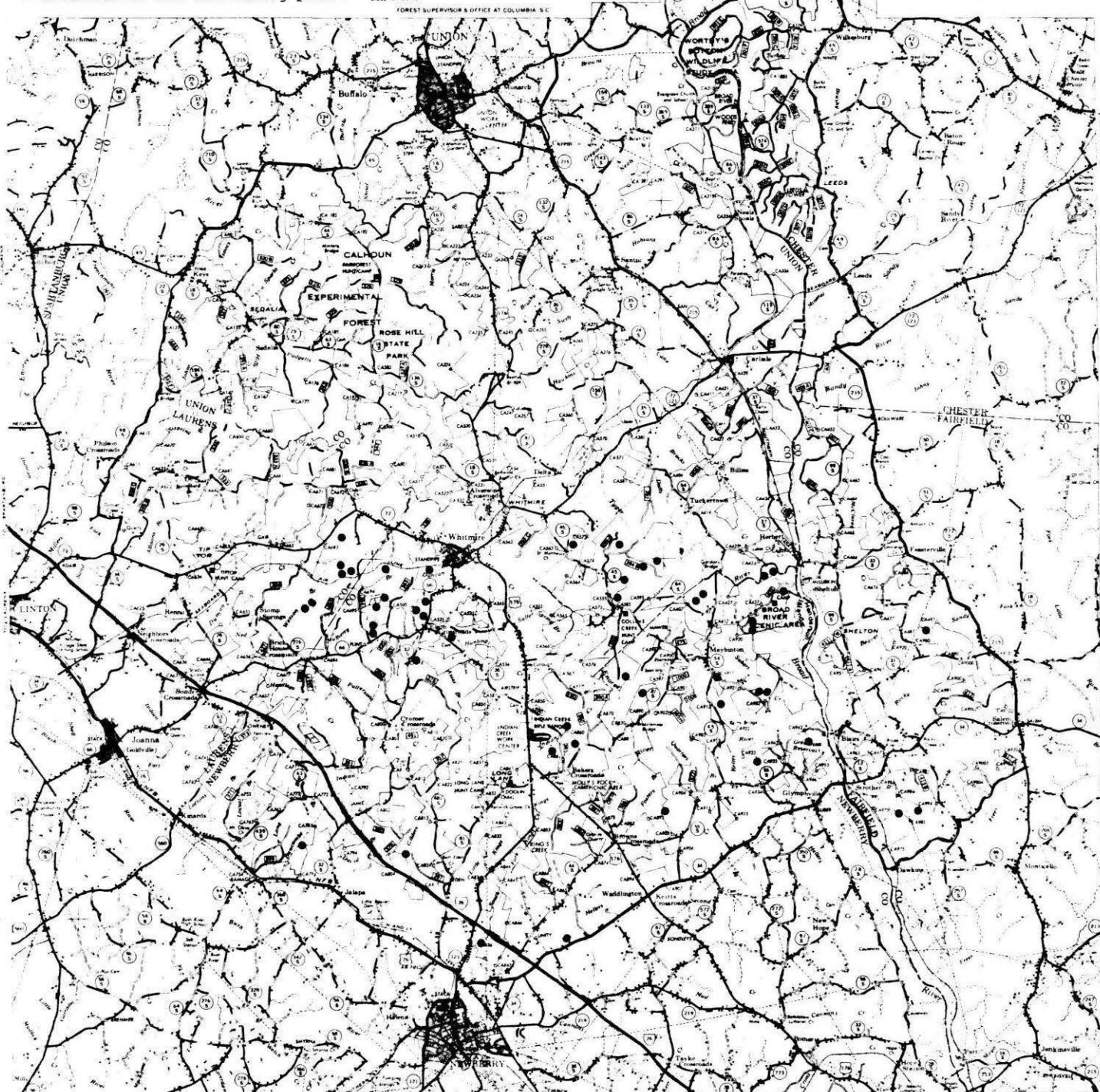
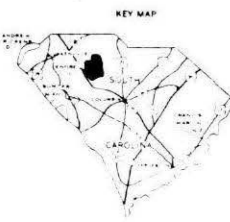
**SUMTER NATIONAL FOREST**  
(ENOORE DIVISION)  
SOUTH CAROLINA

1982

● Location of red and fading pine

- |  |                                |
|--|--------------------------------|
| — National Forest Boundary                       | Church                         |
| — Paved Road - Primary                           | School                         |
| — All Weather or Paved Secondary Road            | House, Cabin or Other Building |
| — Dirt Road                                      | Mine, Quarry or Gravel Pit     |
| — Private Road                                   | Cemetery                       |
| — Trail  | (A) Interstate Highway         |
| — Railroad                                       | (B) U.S. Highway               |
| — Power Transmission Line                        | (C) State Highway              |
| — Horizontal Control Station                     | (D) State Highway Secondary    |
| — Horizontal Control Station and Lookout Station | Forest Route                   |
| — National Forest Land                           | District Ranger Station        |
| Class A - Corner                                 | Forest Service Station         |
|  | Recreation Site                |

FOREST SUPERVISOR'S OFFICE AT COLUMBIA, S.C.



Location of red and fading pine from aerial survey of the Enoree Ranger District, Sumter National Forest, August 1982.

North American Datum  
Polyconic Projection - 1927

FOREST SERVICE MAP CLASS A  
This map was prepared by the Enoree Ranger District, Sumter National Forest, South Carolina. It was prepared from aerial photographs taken in August 1982. The map was prepared by the Enoree Ranger District, Sumter National Forest, South Carolina. It was prepared from aerial photographs taken in August 1982. The map was prepared by the Enoree Ranger District, Sumter National Forest, South Carolina. It was prepared from aerial photographs taken in August 1982.

Longitudinal West from Greenwich

81°30'

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